Science In The Park

Rock Hunt

James Webb Space Telescope

Scientists at RAL have made a camera to go on this new space telescope which will be sent into space to study distant galaxies.

Letter

The Quark Family

Atoms are made up of protons, neutrons and electrons. Quarks are found inside protons and neutrons. The different quarks are called Up, Down, Strange, Charm, Top and Bottom

Letter

Dinosaurs!

We can study dinosaur fossils using a giant x-ray microscope called Diamond. This has given us a lot of new information about dinosaurs like how they lived and what they looked like

Letter

Lasers

We use very big lasers to make tiny stars. They only live for a very short period of time, but this helps us to understand how stars manage to burn so brightly. This might help us to make electricity in the

Letter

Large Hadron Collider

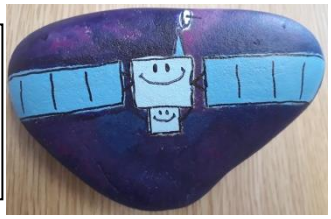
Our scientists helped to build, run and do experiments at the largest and most powerful particle accelerator in the world – the Large Hadron Collider in Switzerland. It is 27km round and about

Letter

Rosetta

Scientists built a spacecraft that travelled for 10 years to catch up with a comet. Rosetta carried a second spacecraft with it which landed on the comet and do experiments to tell us what comets are

Letter



Spider Webs

Spider webs are much stronger than steel but we are not yet able to make anything like it. Scientists at RAL have used a giant microscope (the ISIS neutron and muon source) to study spider silk

Letter

Answer